

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Li-Chung Hsu *et al.*
Serial No.: 10/578,976
Filed: 10 May 2006
Entitled: METHODS AND COMPOSITIONS FOR REDUCING MICROBIAL
INDUCED APOPTOSIS

Group No.: to be assigned
Examiner: to be assigned

TRANSMITTAL

MS PCT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)

I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: April 18, 2007

By: 

Cliff Cannon-Cin

Dear Sir or Madam:

In response to the Notification of Missing Requirements under 35 U.S.C. 371 mailed
March 5, 2007 (a copy of which is enclosed), Applicants submit the following documents:

- ▶ Declaration - an Assignment to The Regents Of The University Of California from Li-Chung Hsu and Michael Karin was submitted for recordation under separate cover;
- ▶ Sequence Listing in paper copy and on a computer-readable diskette;
- ▶ Certificate re: Sequence Listing; and
- ▶ Preliminary Amendment.

A check in the amount of **\$65.00** is enclosed herewith to cover the surcharge for filing missing parts of an application. In addition, the Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. **08-1290**. An originally executed duplicate of this transmittal is enclosed for this purpose.

Dated: April 18, 2007

By: 

Christine A. Lekutis
Registration No. 51,934

MEDLEN & CARROLL, LLP
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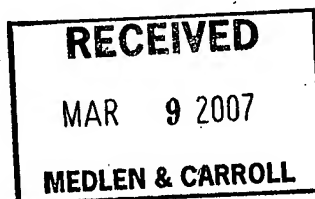
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/578,976	Li-Chung Hsu	UCSD-10860

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INTERNATIONAL APPLICATION NO.	
PCT/US04/38032	
I.A. FILING DATE	PRIORITY DATE
11/12/2004	11/12/2003

CONFIRMATION NO. 8662
 371 FORMALITIES LETTER



OC000000022017854

Date Mailed: 03/05/2007

Resp. 5/5/07 rld

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 05/10/2006
- Copy of the International Search Report filed on 05/10/2006
- Preliminary Amendments filed on 05/10/2006
- Small Entity Statement filed on 05/10/2006
- Request for Immediate Examination filed on 05/10/2006
- U.S. Basic National Fees filed on 05/10/2006
- Priority Documents filed on 05/10/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$65** for a Small Entity:

- \$65 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

CHRISTINE S WASHINGTON

Telephone: (703) 308-9140 EXT 228

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/578,976	PCT/US04/38032	UCSD-10860